

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S113	18	250/310 and extract \$4 adj electrode and beam adj detect \$4 and detect\$4 near5 element	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 13:48
S114	4	250/310 and extract \$4 adj electrode and beam adj detect \$4 and detect\$4 near5 segment\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 13:54
S115	15	("2547994"   "3358174"   "3548250"   "3555347"   "3694687"   "4564758"   "5054046"   "5122663"   "5155412"   "5450103"   "5502306"   "5838004").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/10 13:56
S116	5	("6288401").URPN.	USPAT	OR	ON	2008/11/10 14:05
S117	0	250/49.5 and extract\$4 adj electrode and beam adj detect\$4 and detect\$4 near5 segment\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 14:07
S118	1	250/49.5 and extract\$4 adj electrode and beam adj detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 14:08
S119	45	250/492.2 and extract\$4 adj electrode and beam adj detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 14:09
S120	1	S119 and detect\$4 near5 segment\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 14:10

S121	0	S119 and beam adj alignment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 14:10
S122	2	beam adj alignment and extract\$4 adj electrode and beam adj detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 14:11
S123	0	beam adj alignment and extract\$4 adj electrode and detect \$4 near5 segment \$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 14:12
S124	4	beam adj alignment and extract\$4 adj electrode and detect \$4 near5 element	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 14:12
S125	6	beam adj alignment and extract\$4 adj electrode and detect \$4 near5 region	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 14:13
S126	12	beam adj alignment and extract\$4 adj electrode and alignment near5 detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 14:15
S127	4	"3714425".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 14:17
S128	2	"2464419".PN.	USPAT; USOCR	OR	ON	2008/11/10 14:33
S129	2	"3293429".PN.	USPAT; USOCR	OR	ON	2008/11/10 14:34
S130	2	"3291959".PN.	USPAT; USOCR	OR	ON	2008/11/10 14:36
S131	2	"2901627".PN.	USPAT; USOCR	OR	ON	2008/11/10 14:36
S132	0	beam adj centering and extract\$4 adj electrode and alignment near5 detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 15:21

S133	54	beam adj center\$4 and extract\$4 adj electrode and beam near5 detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 15:22
S134	8	("3555347").URPN.	USPAT	OR	ON	2008/11/10 16:41
S135	11	Chang-Tai-Hon-P. in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 16:49
S136	58	etec.as. and detect \$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 17:08
S137	20	etec.as. and align \$4 and detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 17:10
S138	1	"5,155,412".PN.	USPAT; USOCR	OR	ON	2008/11/10 17:36
S139	1	"5900667".PN.	USPAT; USOCR	OR	ON	2008/11/10 17:40
S140	5	("5900667").URPN.	USPAT	OR	ON	2008/11/10 17:41
S141	8	("4897545"   "5032724"   "5051600"   "5317617"   "5387795"   "5391874"   "5481109"   "5497098").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/10 17:42
S142	0	"200057621".did.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/10 19:26
S143	2	Chang-Tai-Hon-P. in. and align\$5 near5 beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 19:27
S144	3	Chang-T-P.in. and align\$5 near5 beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 19:28

S145	2	Spallas-j-p.in. and align\$5 near5 beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 19:36
S146	3	("3749963").URPN.	USPAT	OR	ON	2008/11/10 19:40
S147	1	Lee-Kim-Y.in. and align\$5 adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 19:53
S148	6	etec.as. and align \$5 adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 19:54
S149	0	veneklasen-lee-h. in. and detector adj output and align\$5 adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 19:57
S150	1	veneklasen-lee-h. in. and align\$5 adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 19:57
S151	1	"6008577".PN.	USPAT; USOCR	OR	ON	2008/11/10 19:58
S152	175	emitter and extract \$4 and align\$5 adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 19:59
S153	24	S152 and detector adj output	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 19:59
S154	1221	beam adj position near5 detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 20:03
S155	29	S154 and electron adj gun and extract \$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 20:04

S156	0	S154 and electron adj gun and deflect \$4 adj potential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 20:25
S157	11	S154 and electron adj gun and deflect \$4 adj voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/10 20:26
S158	1	"09537912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 13:07
S159	0	"09/537912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 13:07
S160	0	murray-lawrence-p. in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 13:08
S161	14	murray-lawrence-p. in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 13:08
S162	10	S161 and align\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 13:13
S163	0	Chang-Tai-Hon-P. in. and alignment adj mark	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 13:25
S164	1	Chang-T-P.in. and alignment adj mark	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 13:26
S165	0	Chang-T-h-P.in. and alignment adj mark	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 13:26

S166	25379	"etec.as.and" alignment adj mark	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 13:26
S167	3	etec.as. and alignment adj mark	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 13:27
S170	59	emitter and extract \$4 and align\$5 near5 extractor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 14:40
S171	22	S170 and detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 14:54
S172	0	S170 and beam adj center\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 15:00
S173	69	beam adj center\$4 adj detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 15:00
S174	2	"5627373".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/11 15:13

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